

The Trail Inventory of Alaska Maritime NWR

Homer, AK



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Central Federal Lands Highway Division
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In this report, the reader may find a mix of dates associated with the condition assessment and photographs. Chapter 4 shows an updated condition assessment for each trail documented in this report. However there may be dates on the condition assessment pages that range from 2006 and 2007 to 2012. This occurred because the GPS dates of the trails originally rated in Cycle 1 were not updated when the cycle 3 assessment was done to in 2012. That GPS date is the basis for the Rating date in the report. Any new trail or section of trail that was collected and rated in Cycle 3 will have a rating date of

2012. While the rating dates may show a pre 2012 date, each trail was walked and its condition was assessed in 2012 during the Cycle 3 field season.

In Chapter 6 the reader may notice photographs with dates ranging from 2006 and 2007 to 2012. This occurs because the existing photographs from Cycle 1 were used if no significant or noticeable changes were seen in that location at the time of the Cycle 3 site visit.

The reader may also notice some of the feature photographs are used more than once. The practice of the same photograph being used for more than one feature was allowed during this cycle's data collection.

In this report, the background for the location, condition, and deficiency maps will be a topo map instead of aerial photography. The quality of the aerial photography used for Alaska is poor and doesn't give a good representation of the terrain the trails traverse.

Alaska Maritime NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Total
	Miles	%	Miles
Gravel	0.21	100%	0.21
Asphalt	0.03	100%	0.03
Boardwalk	0.28	100%	0.28
Total	0.52	100%	0.52

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Total
	Miles	%	Miles
TC3	0.03	100%	0.03
TC4	0.43	100%	0.43
TC5	0.06	100%	0.06
Total	0.52	100%	0.52

*Admin Roads are included in the inventory but are not rated for condition.

Trail Features

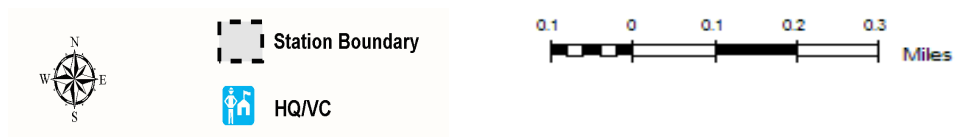
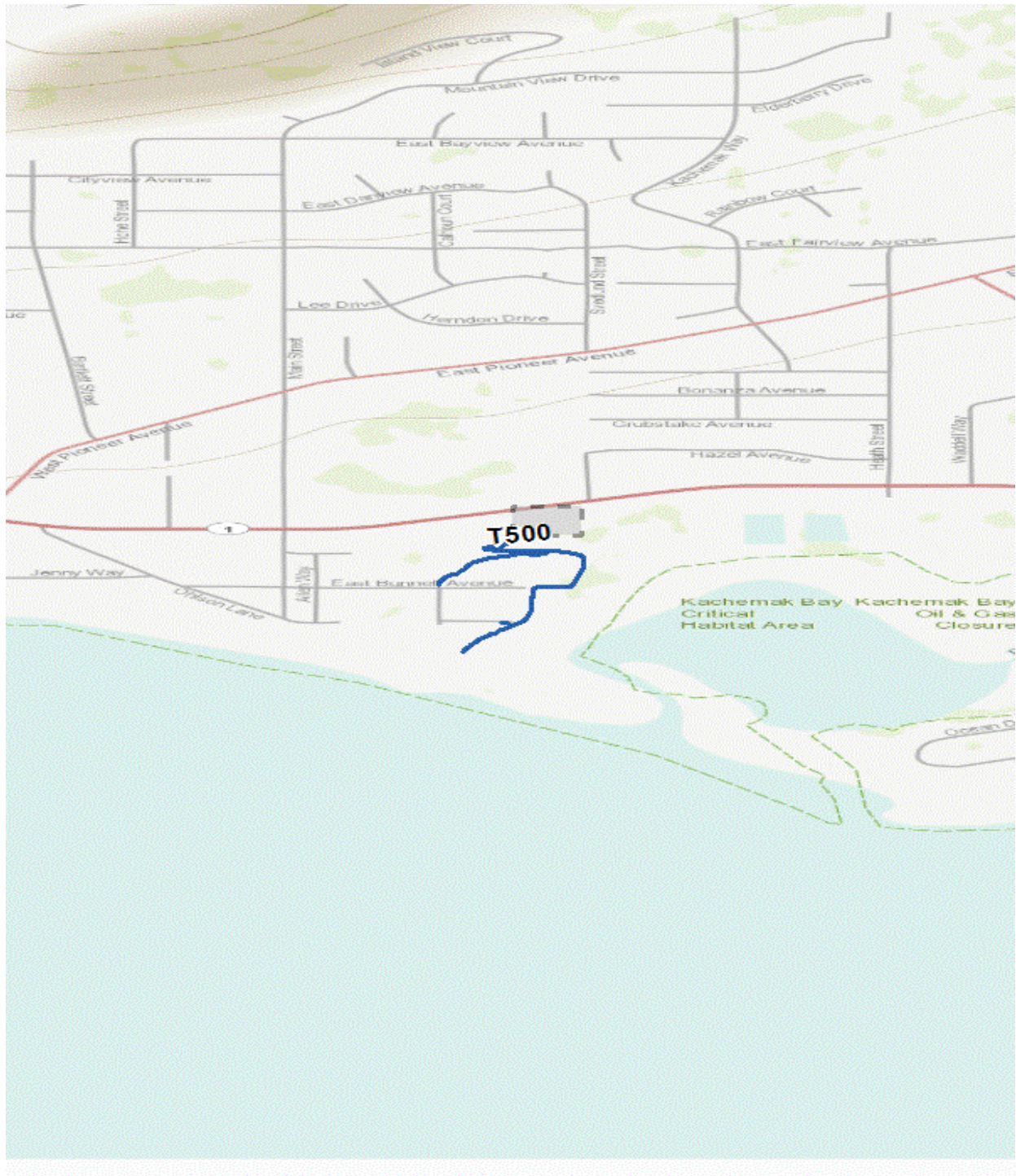
Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T500	Trailhead	1	No	0.00	ALMA_C3_065 2
T500	Sign	4	Yes	0.00	ALMA_C3_065 4
T500	Sign	2	No	0.00	ALMA_C3_065 3
T500	Max Grade- %	5	No	0.01	
T500	Bridge -sf	180	No	0.02	ALMA_C3_065 5
T500	Begin Section	1	No	0.03	ALMA_C3_065 6
T500	Culvert -lf	25	No	0.11	
T500	Bench	1	No	0.11	
T500	Begin Section	1	No	0.11	ALMA_C3_065 8
T500	Sign	1	No	0.11	ALMA_C3_066 9
T500	Begin Section	1	No	0.14	ALMA_C3_065 9
T500	Begin Section	1	No	0.16	ALMA_C3_066 8
T500	Bench	2	No	0.18	
T500	Begin Section	1	No	0.19	ALMA_C3_066 7
T500	Sign	4	Yes	0.23	ALMA_C3_066 2
T500	Begin Section	1	No	0.24	ALMA_C3_066 1
T500	Begin Section	1	No	0.27	ALMA_C3_066 3
T500	Begin Section	1	No	0.31	ALMA_C3_066 4
T500	Sign	1	No	0.38	ALMA_C3_066 5
T500	Sign	3	No	0.38	ALMA_C3_066 6

sf - square feet

lf - linear feet

cf - cubic feet

Alaska Maritime NWR Trail Location Map



Trails ID

Station Name: Alaska Maritime NWR

Org Code: 74500

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T500	Beluga Slough Trail	Asphalt	10050665	0.03	From Alaska Is. and Ocean VC Parking (Rte 900) to end of section 008
T500	Beluga Slough Trail	Boardwalk	10034905	0.12	From Alaska Is. and Ocean VC Parking (Rte 900) to end of section 008
T500	Beluga Slough Trail	Boardwalk	10050670	0.16	From Alaska Is. and Ocean VC Parking (Rte 900) to end of section 008
T500	Beluga Slough Trail	Gravel	10050666	0.21	From Alaska Is. and Ocean VC Parking (Rte 900) to end of section 008

CHANGES TO THE FISH AND WILDLIFE SERVICE TRAIL INVENTORY REPORT

Alaska Maritime NWR

Trails added to previous inventory:

Trail #	Trail Name	Reason for Addition
T500	Beluga Slough Trail	new trail

Trails removed from previous inventory:

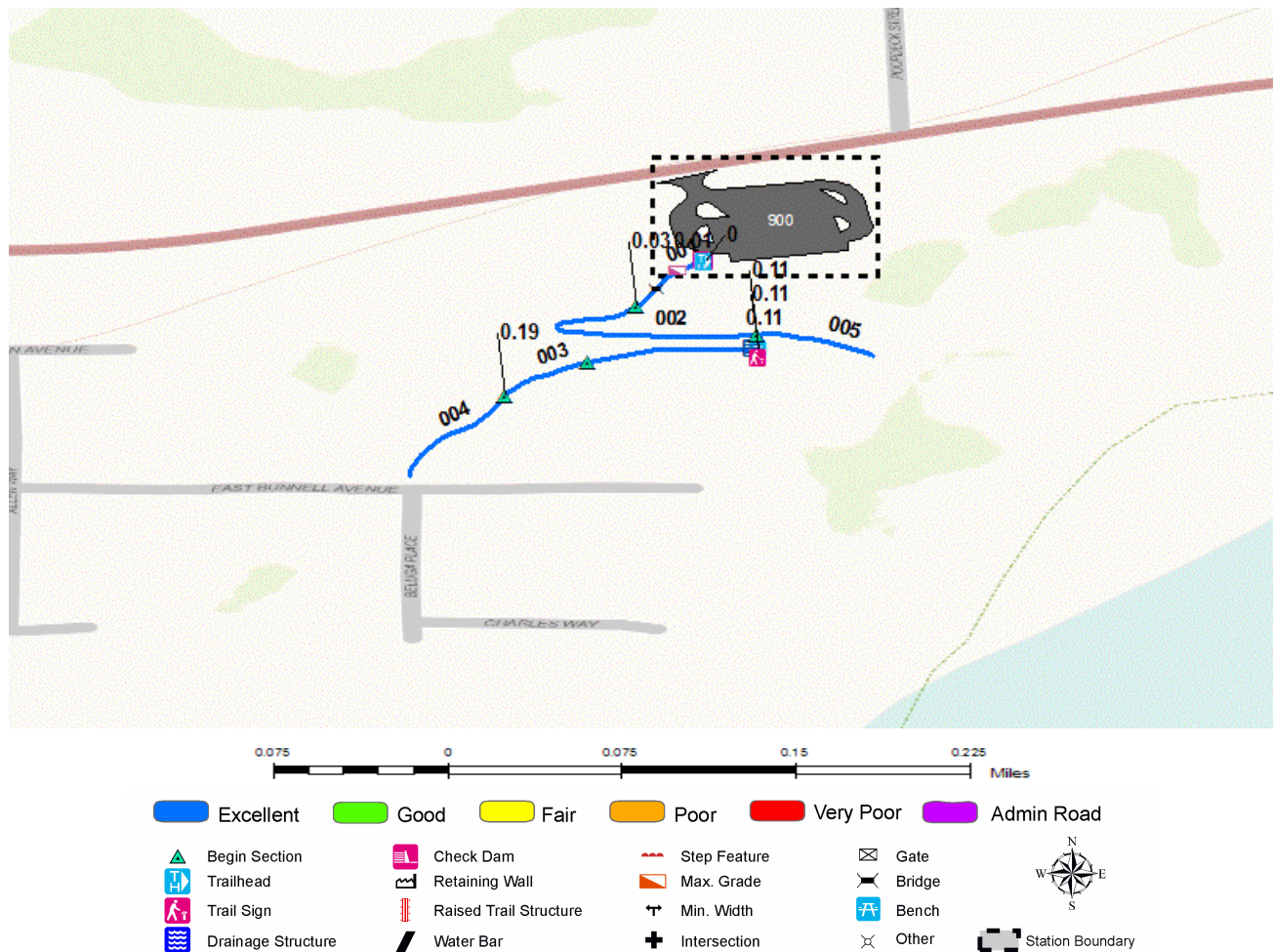
Trail #	Trail Name	Reason for Removal
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Trails modified from previous inventory:

Trail #	Trail Name	Type of Modification	Description of Modification
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Comments:

TRAIL CONDITION



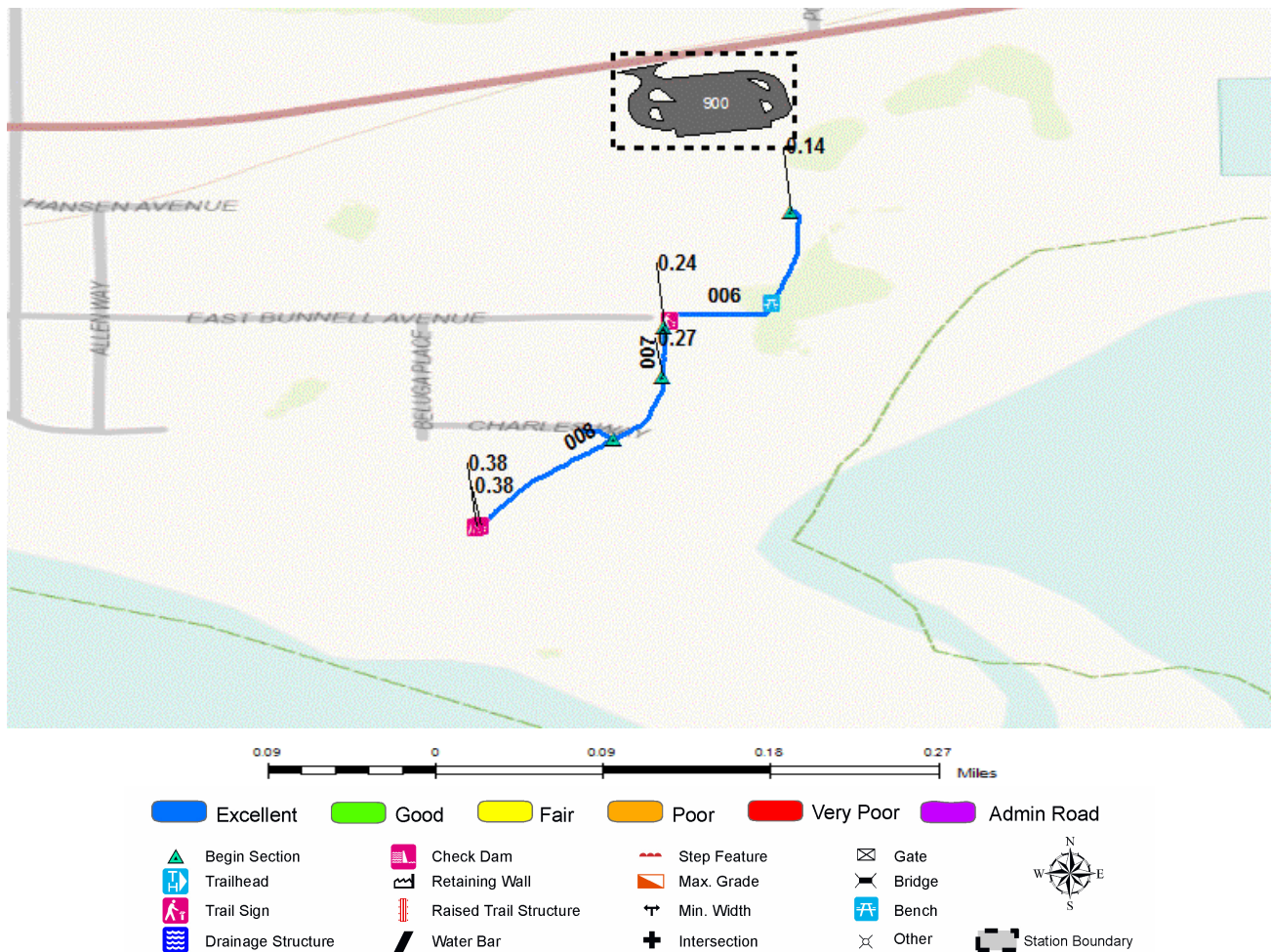
Trail Name: Beluga Slough Trail
Trail Number: T500

Refuge Name: Alaska Maritime NWR
Region: 7

Total Length: 0.52 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.03	0.13	0.03	0.05	0.03
SAMMS Number	10050665	10050666	10050670	10050666	10050670
Rating Date	06/11/2007	06/11/2007	06/11/2007	06/11/2007	06/11/2007
Trail Section Information					
Trail Class	TC5	TC4	TC5	TC4	TC4
Surface Type	Asphalt	Gravel	Boardwalk	Gravel	Boardwalk
Surface Firmness	Paved	Firm	Firm	Firm	Hard
Width (inches)	120	120	120	120	120
Average Grade (%)	3.0	3.0	3.0	3.0	3.0
Average X-slope (%)	3.00	3.00	3.00	3.00	3.00
Trail Condition Information					
Deferred Maintenance		\$0			
CRV	\$13,125	\$45,564	\$48,807	\$16,983	\$56,706
FCI	0.00	0.00	0.00	0.00	0.00
Condition	Excellent	Excellent	Excellent	Excellent	Excellent

TRAIL CONDITION



Trail Name: Beluga Slough Trail
Trail Number: T500

Refuge Name: Alaska Maritime NWR
Region: 7

Total Length: 0.52 Miles

Section Number	006	007	008	009
Section Length (miles)	0.10	0.03	0.11	0.01
SAMMS Number	10050670	10050666	10034905	10034905
Rating Date	06/11/2007	06/11/2007	06/11/2007	06/11/2007
Trail Section Information				
Trail Class	TC4	TC3	TC4	TC4
Surface Type	Boardwalk	Gravel	Boardwalk	Boardwalk
Surface Firmness	Hard	Firm	Firm	Firm
Width (inches)	120	100	100	100
Average Grade (%)	3.0	3.0	3.0	3.0
Average X-slope (%)	3.00	3.00	3.00	3.00
Trail Condition Information				
Deferred Maintenance	\$190			
CRV	\$182,186	\$9,095	\$164,640	\$18,353
FCI	0.00	0.00	0.00	0.00
Condition	Excellent	Excellent	Excellent	Excellent

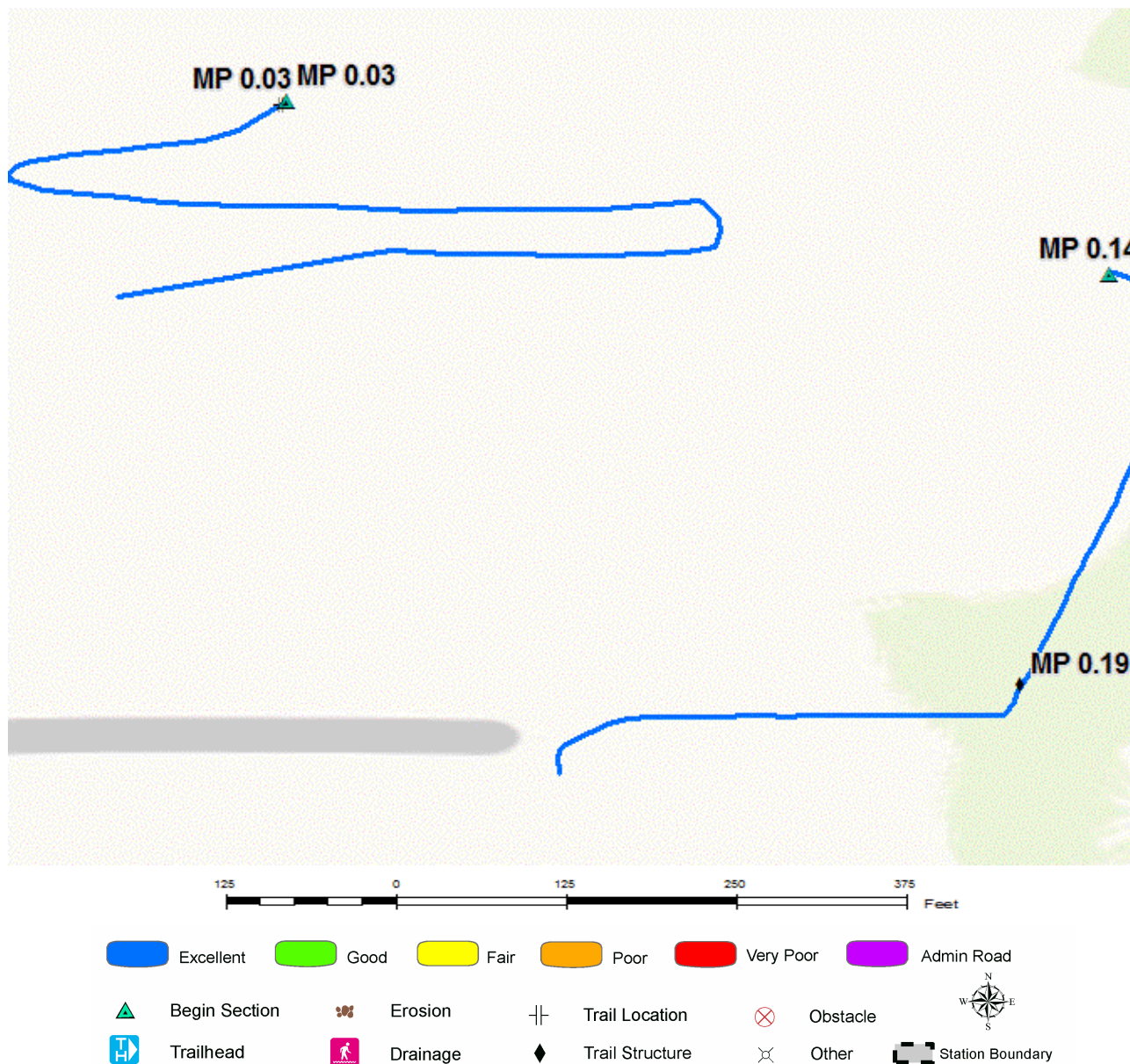
Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$190	\$555,460	0.00	Excellent

NOTE TO USERS OR READERS

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TRAIL DEFICIENCY



Trail Name: Beluga Slough Trail

Refuge Name: Alaska Maritime NWR

Trail Number: T500

Region: 7

Total Length: 0.52 Miles

Mile Post	0.03	0.19
Section Number	002	006
Photo Number	ALMA_C3_0657	ALMA_C3_0660
Deficiency	Trail Location	Trail Structure
Action	Remove	Repair
Item	Trail: Social -lf	Boardwalk -lf
Quantity	103	5
Deferred Maintenance	\$0	\$190

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0653 - MP 0.00 - Sign

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0652 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0654 - MP 0.00 - Sign

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0655 - MP 0.02 - Bridge -sf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0656 - MP 0.03 - Begin Section

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0669 - MP 0.11 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0668 - MP 0.16 - Begin Section

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0667 - MP 0.19 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0658 - MP 0.11 - Begin Section

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0659 - MP 0.14 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0662 - MP 0.23 - Sign

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0661 - MP 0.24 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0663 - MP 0.27 - Begin Section

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0666 - MP 0.38 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0665 - MP 0.38 - Sign

TRAIL NUMBER: T500
STATION: Alaska Maritime NWR
DATE: 08/17/2012



Photo # ALMA_C3_0664 - MP 0.31 - Begin Section

PHOTOGRAPHIC SHEET

A NOTE TO USERS OR READERS

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The reader may also notice some photographs are used more than once. The practice of the same photograph being used for more than one feature was allowed during this cycle's data collection.

Glossary of Terms and Abbreviations

Acc Info	Accessibility information available at trailhead.
Action	Action required to correct deficiency.
Admin Road	Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done.
Alt SAMMS	SAMMS number of Alternate Facility Type.
Alt Type	Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number.
AvgGrade	The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
AvgSlope	The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
Check Dam	A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows.
Condition	Subjective rating of trail based on Facility Condition Index (FCI): FCI \leq .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$.20 = Failed
Crib Wall	Retaining wall.
Current Replacement Value (CRV)	The value of an asset determined by the estimated cost of replacing it.
Def type	Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other.
Deferred Maintenance (DM)	Maintenance that was not performed when scheduled.

Elem ID	Unique identifier for each trail section: Org Code-Trail Number-Section Number.
Facility Condition Index (FCI)	DM/CRV
Grouped Features	Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary.
Info Type	Type of accessibility information available at trailhead: brochure, sign or other.
Item	Item on which the “Action” (see above) will be performed.
Manage_Use	Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER.
MP	Distance of a trail feature or deficiency from the Trailhead.
Puncheon	Log footbridge used in area of poor drainage.
Raised Trail Structure	Boardwalk, Turnpike, Puncheon.
T Class	Trail Class: I-V (see Appendix ? for trail class descriptions).
Tr Desig	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
Turnpike	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.